

Company Description

University of Deusto

Information

 Deadline: 2025-02-08
  Country: Basque Country
 Category: Academia
  City: Bilbao
 Province: Bizkaia

Company

Universidad de Deusto



Main functions, requisites & benefits

Main functions

DeustoTech – Deusto Institute of Technology is the Technological Research Center of the University of Deusto, located on the Bilbao campus, whose mission is to promote research, training and knowledge transfer at the service of society and industry. We are looking for a researcher with proven experience in the area of Artificial Intelligence to join a European research project in the field of food waste, collaborating with prestigious partners, and contributing significantly to scientific progress in this area. The main objective of this research position is to make progress in the knowledge about the food waste problem by means of the development of data-driven models in order to identify behavioral patterns, analyze causes, and evaluate the efficiency of food loss and waste prevention strategies in terms of sustainability. **TASKS:** To data analytics for the diagnosis of food waste generation patterns. To design and develop models based on machine learning and system dynamics for the analysis of the impact of food waste prevention strategies. To data collection and model design by coordinating multidisciplinary and international work teams. To publish in high impact journals (WoS and SJR) along with group members. To work in competitive projects (Basque Government, Spanish Government, Horizon Europe...). To submit competitive research proposals. To mentor undergraduate and graduate students. To provide support to the research team in the drafting of technical, dissemination and administrative reports on the TONOWASTE project.

Requisites

PhD in fields related to Artificial Intelligence, Engineering or Mathematics of application in the field of both human and sustainability problems. Demonstrable experience in research projects. Advanced programming skills (Python, R, C++, etc.). Familiarity with European public funding programs for R&D projects. Proven experience providing support to obtain competitive funding for research, as well as a track record in technology transfer initiatives. Ability to work in multidisciplinary teams and flexibility to adapt to different strategies. Willingness to travel and collaborate with different entities and projects. High level of written and spoken English. **THE FOLLOWING WILL BE ASSESSED:** We are looking for a person with professional competences, empathy, ability to work in a team, motivation for innovation and research, ability to adapt, and that identifies with the mission of the University of Deusto. Stays in reference Research Centers.

Benefits

Full-time incorporation in the first quarter of 2025, with economic conditions commensurate with the experience and knowledge provided by the candidates. The University of Deusto promotes inclusion and encourages people with diversity to apply. PI and/or Project Manager. Ainhoa Alonso. Funding Entity: Horizon Europe, project TONOWASTE. The University of Deusto supports the inclusion of people with disabilities. It therefore encourages this condition to be indicated in applications in the case of having a certificate of disability equal to or greater than 33%.